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OM nucleic - nucleic search, using sw model

Run on: November 8, 2001, 08:10:10 : Search time 101.05 Seconds
(without alignments)
13826.252 Million cell updates/sec

Title: US-09-227-881-3

Perfect score: 6169

Sequence: 1 atcttgtagtggttactctc.....ctgtgccccctccatgtagc 6169

Scoring table:

IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Issued_Patents_NA:*
1: /cgn2_6/prodata/2/lna/5A_COMB.seq:*
2: /cgn2_6/prodata/2/lna/5B_COMB.seq:*
3: /cgn2_6/prodata/2/lna/6A_COMB.seq:*
4: /cgn2_6/prodata/2/lna/6B_COMB.seq:*
5: /cgn2_6/prodata/2/lna/PCTUS_COMB.seq:*
6: /cgn2_6/prodata/2/lna/backfillsl.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	6169	100.0	6169	4 US-08-938-669A-3	Sequence 3, App11
2	5275.4	85.5	5300	4 US-08-938-669A-1	Sequence 1, App11
3	5253.4	85.2	5304	4 US-08-938-669A-2	Sequence 2, App11
4	771.6	12.5	2166	4 US-08-822-999-1	Sequence 1, App11
5	640.4	10.4	1548	4 US-08-938-669A-26	Sequence 26, App1
6	640.4	10.4	1999	2 US-08-645-900A-2	Sequence 2, App11
7	640.4	10.4	1999	2 US-08-882-238A-2	Sequence 2, App11
8	640.4	10.4	1999	2 US-08-667-790A-2	Sequence 2, App11
9	640.4	10.4	1999	4 US-09-220-459-2	Sequence 2, App11
10	640.4	10.4	1999	4 US-08-546-568B-2	Sequence 2, App11
11	638.8	10.4	1995	2 US-08-791-347-1	Sequence 1, App11
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17	603.4	9.8	1512	4 US-08-822-999-2	Sequence 2, App11
18	601.8	9.8	1509	2 US-08-791-347-2	Sequence 2, App11
19	556.6	9.0	1968	5 PCT-US95-14024-2	Sequence 2, App11
20	556.6	9.0	1969	1 US-08-336-235A-2	Sequence 2, App11
21	556.6	8.4	1491	1 US-08-649-432-2	Sequence 2, App11
22	519.6	8.4	1491	1 US-08-336-235A-3	Sequence 3, App11
23	519.6	8.4	1491	1 US-08-649-432-3	Sequence 3, App11
24	519.6	8.4	1491	5 PCT-US95-14024-3	Sequence 3, App11
25	204	3.3	642	4 US-08-822-999-9	Sequence 9, App11
26	204	3.3	643	2 US-08-791-347-15	Sequence 15, App11
27	174.2	2.8	282	1 US-08-133-629-8	Sequence 8, App11

C 28	173.6	2.8	17327	1 US-07-906-871-15	Sequence 15, App1
C 29	171.6	2.8	10380	4 US-09-077-354B-3	Sequence 3, App11
C 30	170	2.8	11288	4 US-08-646-301A-1	Sequence 1, App11
C 31	170	2.8	11288	4 US-08-481-968A-4	Sequence 4, App11
C 32	169	2.7	5543	2 US-08-687-080-101	Sequence 101, App
C 33	167.8	2.7	36741	4 US-09-301-665-3	Sequence 4, App11
C 34	165.4	2.7	80246	4 US-09-078-294-4	Sequence 4, App11
C 35	165.4	2.7	80595	4 US-09-078-294-3	Sequence 3, App11
C 36	165	2.7	2115	1 US-08-395-800A-7	Sequence 7, App11
C 37	164.8	2.7	80246	4 US-09-078-294-4	Sequence 4, App11
C 38	164.8	2.7	80595	4 US-09-078-294-3	Sequence 4, App11
C 39	164.6	2.7	6769	1 US-08-480-784-20	Sequence 20, App1
C 40	164.6	2.7	6769	1 US-08-483-553-20	Sequence 20, App1
C 41	164.6	2.7	6769	1 US-08-487-002-20	Sequence 20, App1
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C 44	164.6	2.7	6769	4 US-08-850-727-20	Sequence 20, App1
C 45	164.6	2.7	6769	5 PCT-US95-10202-20	Sequence 20, App1

ALIGNMENTS

RESULT 1
US-08-938-669A-3
; Sequence 3, Application US/08938669A
; Patent No. 6171788
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Thai D.
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,
; TITLE OF INVENTION: PROGNOSIS AND TREATMENT OF GLAUCOMA AND
; TITLE OF INVENTION: RELATED DISEASES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howrey & Simon
; STREET: 1299 Pennsylvania Avenue, N.W.
; City: Washington
; STATE: DC
; COUNTRY: USA
; Zip: 20004-2402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/938,669A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/791,154
; FILING DATE: 28-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mendelson, Elliot
; REGISTRATION NUMBER: P-42,878
; REFERENCE/DOCKET NUMBER: 07425-0034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 383-6857
; TELEFAX: 202 383-6610
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6169 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-938-669A-3
Query Match 100.0%; Score 6169; DB 4; Length 6169;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 6169; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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D	2701	ATAAGTCAGCTGTAAATTCAGGGGTGTCATGGGTTTCCATTACGAAGGCGCTTAT	2760
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Q	3061	ggaatctgaaaggagggaaggagcagagcttggaagcagcttgaaaccaaagggaaggaggg	3120
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RESULT 2
 US-08-938-669A-1
 ; Sequence 1, Application US/08938669A
 ; Patent No. 6171788
 ; GENERAL INFORMATION:
 ; APPLICANT: Nguyen, Thai D.
 ; APPLICANT: Polansky, Jon R.
 ; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,
 ; TITLE OF INVENTION: PROGNOSIS AND TREATMENT OF GLAUCOMA AND
 ; TITLE OF INVENTION: RELATED DISEASES
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Howrey & Simon
 ; STREET: 1299 Pennsylvania Avenue, N.W.
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20004-2402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:

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Qy	1801	ttccaattgtgggcaatctgtgtgtgtatagaagggaagggacataccccaagaatctct	1860
Db	1801	ttccaattgtgggcaatctgtgtgtgtgtatagaagggaagggacataccccaagaatctct	1860
Qy	1861	tgaagcccccgcaagagttctctctcccaagctgtgggaagcctgtcaagcacccgggtcc	1920
Db	1861	tgaagcccccgcaagagttctctctcccaagctgtgggaagcctgtcaagcacccgggtcc	1920
Qy	1921	tgggtgtccctgaagaacctctcaagcccggtgcactgtgtgtttgtatcaactctcag	1980
Db	1921	tgggtgtccctgaagaacctctcaagcccggtgcactgtgtgtttgtatcaactctcag	1980
Qy	1981	gaacctgtgtcttcatcttctgtgtgaactcgtttcatctacataccaagcatcttgaacat	2040
Db	1981	gaacctgtgtcttcatcttctgtgtgaactcgtttcatctacataccaagcatcttgaacat	2040
Qy	2041	tattgaactactatctgcacagacacagagacaatatgtgtgaagcaaaagcatctgc	2100
Db	2041	tattgaactactatctgcacagacacagagacaatatgtgtgaagcaaaagcatctgc	2100
Qy	2101	ccctactctgttggaagtggaacagtttctcatatgaaagcgtgtcagaagaaaataataagcca	2160
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Db 4380 TTTAT 4430

[illegible]

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RESULT      4
US-08-822-999-1
; Sequence 1, Application US/08822999
; Patent No. 6271026
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GENERAL INFORMATION:
;
APPLICANT: Stone, Edwin M.
;
APPLICANT: Sheffield, Val C.
;
APPLICANT: Alward, Wallace L.M.
;
TITLE OF INVENTION: GLAUCOMA COMPOSITIONS AND THERAPEUTIC
;
TITLE OF INVENTION: AND DIAGNOSTIC USES THEREFOR
;
NUMBER OF SEQUENCES: 18

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```

CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,999
FILING DATE: 21-MAR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/791,347
FILING DATE: 30-JAN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/748,479
FILING DATE: 08-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/234,218
FILING DATE: 28-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-010.27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2166 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-822-999-1

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	Query Match	12.5%	Score 771.6	DB 4	Length 2166
	Best Local Similarity	98.5%	Pred. No. 3,661-179		
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QY	5457	aatgaccagagtgagcgaatgccaagataacttaagtgtgtgccaagtcaccaatgaatcacgc	5516		
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QY	5517	tgcccagagcagagccaagggcaltgcatgcatccataacttaacagagaaacagcaacc	5576		
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,900A
FILING DATE: 14 MAY 1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-645-900A-2

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Query Match          10.4%   Score 640.4; DB 2; Length 1999;
Best Local Similarity 99.8%; Pred. No. 4.4e-147;
Matches 641; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5361 tgcagcttgggagctgagatgagatgagatgagatgagatgagatgagatgagatg 5420
DB 61 TGCAGCTTTGGGAGCTGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATG 120
QY 5421 gacgtggggagagagagagctcagctcagagagagagagagagagagagagagagag 5480
DB 121 GATGTGGGGGCCAGAGAGAGCTCAGCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
QY 5481 tataccctcagtgctgagcagctcccaatgaaatccagctgagcagagagagagagag 5540
DB 181 TATACCTTCAGTGTGGCCAGTCCCATGATCCAGCTGCCAGAGAGAGAGAGAGAGAG 240
QY 5541 tcaatcctcacaactcacaagagagagagagagagagagagagagagagagagagagag 5600
DB 241 TCAGTATATCCATAAATTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
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DB 301 AAAGCTCGACTCAGCTCCCTGGAGAGCTCTCTCCACCAATTCAGCTTGGAGAGAGAG 360
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DB 481 AAGTCACTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540
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RESULT 7
US-08-882-238A-2
Sequence 2, Application US/08882238A
Patent No. 5854415
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,238A
FILING DATE: 25 JUNE 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-882-238A-2

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Query Match          10.4%   Score 640.4; DB 2; Length 1999;
Best Local Similarity 99.8%; Pred. No. 4.4e-147;
Matches 641; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 61 TGCAGCTTTGGGAGCTGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATG 120
QY 5421 gacgtggggagagagagagctcagctcagagagagagagagagagagagagagagag 5480
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DB 301 AAAGCTCGACTCAGCTCCCTGGAGAGCTCTCTCCACCAATTCAGCTTGGAGAGAGAG 360
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Qy 5841 aggtctggaagacagcagcagagagtagcaaggtctgaagaaggccagtgctcccgagac 5900
Db 541 AGGTTGGAAGACAGACACCGAGAGGTGAGCAAGGCTGAGAAAGGGGCGAGTGTCCCGACAGC 600
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Db 601 CGAGACACTGCTGGGCTGTGCCACAGGCTCCAGAGAGAGTT 642

RESULT 8
US-08-667-790A-2
; Sequence 2, Application US/08667790A
; Patent No. 5861497
; GENERAL INFORMATION:
; APPLICANT: NGUYEN, THAI D.
; APPLICANT: POLANSKY, JON R.
; APPLICANT: HUANG, WEIDONG
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
; TITLE OF INVENTION: GLAUCOMA
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,790A
; FILING DATE: 21 JUNE 1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MARSH, DAVID
; REGISTRATION NUMBER: 41,408
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1999 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-667-790A-2

Query Match 10.4%; Score 640.4; DB 2; Length 1999;
Best Local Similarity 99.8%; Pred. No. 4,4e-147;
Matches 641; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5301 agagcttcagagagagcctcaccaagcctctgcaatgaagttctctctgtgacagttgc 5360
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Db 481 AAGTCAGCTTCTGGAGAGAGAGAAAGAAAGCACTAAGGCCAAGAAATGGAATCTGGCCAGG 540
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Db 541 AGGTTGGAAGACAGACACCGAGAGGTGAGCAAGGCTGAGAAAGGGGCGAGTGTCCCGACAGC 600
Qy 5901 cagagacactgctggagctgtgccaacagagctccagagaagt 5942
Db 601 CGAGACACTGCTGGGCTGTGCCACAGGCTCCAGAGAGAGTT 642

RESULT 9
US-09-220-459-2
; Sequence 2, Application US/09220459
; Patent No. 6150161
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Thai D
; APPLICANT: Polansky, Jon R
; APPLICANT: Huang, Weidong
; TITLE OF INVENTION: Methods for the Diagnosis of Glaucoma
; FILE REFERENCE: 07425.0056
; CURRENT APPLICATION NUMBER: US/09/220,459
; FILING DATE: 1998-12-24
; EARLIER APPLICATION NUMBER: 08/882,238
; EARLIER FILING DATE: 1997-06-25
; EARLIER APPLICATION NUMBER: 08/649,432
; EARLIER FILING DATE: 1996-05-17
; EARLIER APPLICATION NUMBER: 08/546,568
; EARLIER FILING DATE: 1995-10-20
; EARLIER APPLICATION NUMBER: 08/336,235
; EARLIER FILING DATE: 1994-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 1999
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-220-459-2

Query Match 10.4%; Score 640.4; DB 3; Length 1999;
Best Local Similarity 99.8%; Pred. No. 4,4e-147;
Matches 641; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5301 agagcttcagagagagcctcaccaagcctctgcaatgaagttctctctgtgacagttgc 5360
Db 1 AGAGCTTTCAGAGAGAGCCCTCACCAAGCCTCTCAATGAGAGTTCTCTGTGCACGTTGC 60


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Db 181 TGCACGAGCAGAGCCAGGCGCATGTCATCATTAATTACAGAGAGACAGCAGACC 240
OY 5577 caacgcttagaaccttgagggccaccacaagctcgaactcaagctcccttgagagcctcccccac 5636
Db 241 CAACGCTTAGAAGCTGGAGGCCACCAAAAGCTGACTGACTCTCTGGAGAGCCTCTCTCCAC 300
OY 5637 caatlgaccttggaccagagctgcagagcccccagagagaccagagagggctgcagagaggaag 5696
Db 301 CAATTGACCTTGGACCAAGGCTGGCCAGGCCCCAGAGAGACCAGAGGGGCTGCAGAGAGGAG 360
OY 5697 ctgggcaaccttgagggcgagggagggagagagctggaaccacaagagagagttgagagact 5756
Db 361 CTGGGCAACCTGAGGGGGGAGCGGAGCACACTGGAACCCAAACCAAGAGAGTGGAGACT 420
OY 5757 gctacagcaacctcctccgagagcaagtaagctcttgagagagagagagagagagactaagg 5816
Db 421 GCCTACAGCAACTCTCTCCAGACAAAGTCACTTCTGGAGAGAGAGAGAGCACTAAGG 480
OY 5817 caagaaatlgagaatctggccagagaggttggaaaagcagcagcagagaggtagcaagctg 5876
Db 481 CAAGAAATGAGATCTGGCCAGAGAGGTTGGAAGCAGCAGCAGAGAGGTAGCAAGGCTG 540
OY 5877 agaaagggcgagtgctcccaagaccgagacactgtctgggctgtgccacagagctccaga 5936
Db 541 AGAAGGGGCGAGTGTCCCGACCCGAGACACACACTGTCTGGGCTGTGCCACAGGCTCCAGA 600
OY 5937 gaaggt 5942
Db 601 GAAGTT 606
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RESULT 13
US-08-882-238A-3
: Sequence 3, Application US/08882238A
: Patent No. 5854415
: GENERAL INFORMATION:
: APPLICANT: NGUYEN, THAI D.
: APPLICANT: POLANSKY, JON R.
: APPLICANT: HUANG, WEIDONG
: TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
: TITLE OF INVENTION: GLAUCOMA
: NUMBER OF SEQUENCES: 3
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: HOREY & SIMON
: STREET: 1299 PENNSYLVANIA AVE., N.W.
: CITY: WASHINGTON
: STATE: D.C.
: COUNTRY: US
: ZIP: 20004
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patent Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: FILING DATE: 25 JUNE 1997
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: MARSH, DAVID
: REGISTRATION NUMBER: 41,408
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202) 383-7451
: TELEFAX: (202) 383-6610
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1512 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-882-238A-3
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Query Match 9.8%; Score 604.4; DB 2; Length 1512;
Best Local Similarity 99.8%; Pred. No. 2,5e-138;
Matches 605; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 5337 atgagttctctctgtgcaagltgctgaagcttggccttgagatgccaagctgtccagctg 5396
Db 1 ATGAGGCTTCTTGTGTGACAGCTTGCTGACAGTTTGGCGCTGATGTCAGACTGTCCAGCTG 60
OY 5397 ctgcttctggcctgtcgtgtgtggaatgtggyggccagagacagactcaagctcagaaagcc 5456
Db 61 CTGCTTCTGGCCCTGCTGTGTGGATGTGGGGCCAGGACACCTCAGCTCAGAGAAAGGCC 120
OY 5457 aatgacagagtgccgcatgcccagtaacctcagctgctgagcagctcccaatgataccagc 5516
Db 121 AATGACCAAGAGTGGCCGATGCCAGTATACCTTACGTGTGGCCAGTCCCAATGATATCCAGC 180
OY 5517 tggccagagcagagccagagccatgtcagtaacctcaacttaacttaacagagagacagcacc 5576
Db 181 TGCACGAGCAGAGCCAGGCGCATGTCATCATTAATTACAGAGAGACAGCAGCACC 240
OY 5577 caacgcttagaaccttgagggccaccacaagctcgaactcaagctcccttgagagcctcccccac 5636
Db 241 CAACGCTTAGAAGCTGGAGGCCACCAAAAGCTGACTGACTCTCTGGAGAGCCTCTCTCCAC 300
OY 5637 caatlgaccttggaccagagctgcagagcccccagagagaccagagagggctgcagagagga 5696
Db 301 CAATTGACCTTGGACCAAGGCTGGCCAGGCCCCAGAGAGACCAGAGAGGGGCTGCAGAGAGG 360
OY 5697 ctgggcaaccttgagggcgagggagggagccagctlgaaaaccacaagagaggttgagagact 5756
Db 361 CTGGGCAACCTGAGGGGGGAGCGGAGCCAGCTGGAACCCAAACCAAGAGAGTGGAGACT 420
OY 5757 gctacagcaacctcctccgagagcaagtaagctcttgagagagagagagagagagactaagg 5816
Db 421 GCCTACAGCAACTCTCTCCAGACAAAGTCACTTCTGGAGAGAGAGAGAGCACTAAGG 480
OY 5817 caagaaatlgagaatctggccagagaggttggaaaagcagcagcagagaggttagcaagctg 5876
Db 481 CAAGAAATGAGATCTGGCCAGAGAGGTTGGAAGCAGCAGCAGAGAGGTAGCAAGGCTG 540
OY 5877 agaaagggcgagtgctcccaagaccgagacactgtctgggctgtgccacagagctccaga 5936
Db 541 AGAAGGGGCGAGTGTCCCGACCCGAGACACACACTGTCTGGGCTGTGCCACAGGCTCCAGA 600
OY 5937 gaaggt 5942
Db 601 GAAGTT 606
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RESULT 14
US-08-667-790A-3
: Sequence 3, Application US/08667790A
: Patent No. 5861497
: GENERAL INFORMATION:
: APPLICANT: NGUYEN, THAI D.
: APPLICANT: POLANSKY, JON R.
: APPLICANT: HUANG, WEIDONG
: TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
: TITLE OF INVENTION: GLAUCOMA
: NUMBER OF SEQUENCES: 3
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: HOREY & SIMON
: STREET: 1299 PENNSYLVANIA AVE., N.W.
: CITY: WASHINGTON
: STATE: D.C.
: COUNTRY: US
: ZIP: 20004
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: US-08-667-790A-3
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: SOFTWARE: PatentIn Release #1.0, Version #1.25
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/667,790A
: FILING DATE: 21 JUNE 1996
:
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: MARSH, DAVID
: REGISTRATION NUMBER: 41,408
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202) 383-7451
: TELEFAX: (202) 383-6610
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1512 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-667-790A-3

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Query Match          9.8%; Score 604.4; DB 2; Length 1512;
Best Local Similarity 99.8%; Pred. No. 2.5e-138;
Matches 605; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 5337 atgaggtctctctgtgacgctgtgacgctcttgagccttgagatgacgagctgtccagctg 5396
    |||||||
Db 1  atgaggtctctctgtgacgctgtgacgctcttgagccttgagatgacgagctgtccagctg 60
OY 5397 ctgctctctgacctgctgtgtgtggaatgttgagggtccagagacagctcagtcaggaaagcc 5456
    |||||||
Db 61  ctgctctgacctgctgtgtgtgtggaatgttgagggtccagagacagctcagtcaggaaagcc 120
OY 5457 aatgacagagatgagcagatgacgatactcctcagctgtgacagctcccaatgaatccagc 5516
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Db 121  aatgacagagatgagcagatgacgatactcctcagctgtgacagctcccaatgaatccagc 180
OY 5517 tggccagagagagagcagagcagatgtcagtcacatacctacagagagagagagagagc 5576
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Db 181  tggccagagagagagcagagcagatgtcagtcacatacctacagagagagagagagagc 240
OY 5577 caacgcttagacactggaagccaccaaagctcgaactcagctcccttgagaagcctctccac 5636
    |||||||
Db 241  caacgcttagacactggaagccaccaaagctcgaactcagctcccttgagaagcctctccac 300
OY 5637 caatgaccttgagacagagctgacagagcccaagagagacccagagaggtctcagaagag 5696
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Db 301  caatgaccttgagacagagctgacagagcccaagagagacccagagaggtctcagaagag 360
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Db 361  ctgggacacctggaagcgaggagcagagcttgaaacccaagagaggttgagaagct 420
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Db 421  gcttacagcaacctcctccgagacaagtcagttctgagagagaagaagaacgcagtaag 480
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Db 481  caagaaaaatgagaatctgagcagaaggtltgaaaagcagcagcagaggttagcaagctg 540
OY 5877 agaaagggcgaggtgtccccaagaccgagacacgtctgggctgtgtgccacagctccaga 5936
    |||||||
Db 541  agaaagggcgaggtgtccccaagaccgagacacgtctgggctgtgtgccacagctccaga 600
OY 5937 gaagct 5942
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Db 601  gaagct 606

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RESULT 15
US-09-220-459-3
; Sequence 3, Application US/09220459

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: Patent NO. 6150161
:
: GENERAL INFORMATION:
: APPLICANT: Nguyen, Thai D
: APPLICANT: Polansky, Jon R
: TITLE OF INVENTION: Methods for the Diagnosis of Glaucoma
: FILE REFERENCE: 07425.0056
: CURRENT APPLICATION NUMBER: US/09/220,459
: CURRENT FILING DATE: 1998-12-24
: EARLIER APPLICATION NUMBER: 08/882,238
: EARLIER FILING DATE: 1997-06-25
: EARLIER APPLICATION NUMBER: 08/649,432
: EARLIER FILING DATE: 1996-05-17
: EARLIER APPLICATION NUMBER: 08/546,568
: EARLIER FILING DATE: 1995-10-20
: EARLIER APPLICATION NUMBER: 08/336,235
: EARLIER FILING DATE: 1994-11-03
: NUMBER OF SEQ ID NOS: 3
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO: 3
: LENGTH: 1512
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-220-459-3

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Query Match          9.8%; Score 604.4; DB 3; Length 1512;
Best Local Similarity 99.8%; Pred. No. 2.5e-138;
Matches 605; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 5337 atgaggtctctctgtgacgctgtgacgctcttgagccttgagatgacgagctgtccagctg 5396
    |||||||
Db 1  atgaggtctctctgtgacgctgtgacgctcttgagccttgagatgacgagctgtccagctg 60
OY 5397 ctgctctctgacctgctgtgtgtggaatgttgagggtccagagacagctcagtcaggaaagcc 5456
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OY 5457 aatgacagagatgagcagatgacgatactcctcagctgtgacagctcccaatgaatccagc 5516
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Db 121  aatgacagagatgagcagatgacgatactcctcagctgtgacagctcccaatgaatccagc 180
OY 5517 tggccagagagagcagagcagatgtcagtcacatacctacagagagagagagagagc 5576
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Db 181  tggccagagagagcagagcagatgtcagtcacatacctacagagagagagagagagc 240
OY 5577 caacgcttagacactggaagccaccaaagctcgaactcagctcccttgagaagcctctccac 5636
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Db 241  caacgcttagacactggaagccaccaaagctcgaactcagctcccttgagaagcctctccac 300
OY 5637 caatgaccttgagacagagctgacagagcccaagagagacccagagaggtctcagaagag 5696
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Db 301  caatgaccttgagacagagctgacagagcccaagagagacccagagaggtctcagaagag 360
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Db 361  ctgggacacctggaagcgaggagcagagcttgaaacccaagagaggttgagaagct 420
OY 5757 gcttacagcaacctcctccgagacaagtcagttctgagagagaagaagaacgcagtaag 5816
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Db 421  gcttacagcaacctcctccgagacaagtcagttctgagagagaagaagaacgcagtaag 480
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    |||||||
Db 481  caagaaaaatgagaatctgagcagaaggtltgaaaagcagcagcagaggttagcaagctg 540
OY 5877 agaaagggcgaggtgtccccaagaccgagacacgtctgggctgtgtgccacagctccaga 5936
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Db 541  agaaagggcgaggtgtccccaagaccgagacacgtctgggctgtgtgccacagctccaga 600
OY 5937 gaagct 5942
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Db 601  gaagct 606

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Fri Nov 9 08:40:40 2001

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job time: 17345 sec

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